



ROCKET NO.: MSFT-0038/36765.2

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#82-571
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In Re Application of:

Lomet et al.

Serial No.: 09/268,146

Group Art Unit: 2771

Filing Date: March 15, 1999

Examiner: Not yet assigned

For: DATABASE COMPUTER SYSTEM USING LOGICAL LOGGING TO
EXTEND RECOVERY

DATE OF DEPOSIT:

JUNE 27, 2002

I HEREBY CERTIFY THAT THIS PAPER IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL
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ADDRESSED TO THE ASSISTANT COMMISSIONER
FOR PATENTS, WASHINGTON, DC 20231

TYPED NAME: Jonathan M. Waldman
REGISTRATION NO.: 40,861

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- ☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐the first or ☐second After Final Submission, therefore:

☐ Certification in Accordance with §1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in §1.17(p) is attached.

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with §1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in §1.17(p) is attached.

☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); and the submission fee of \$180.00 as set forth in §1.17(p).

☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

EXCEPT THAT:

☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

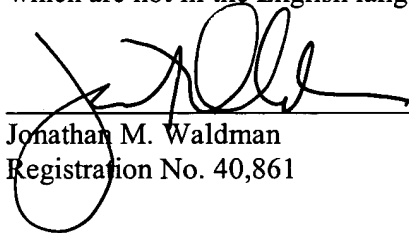
- ☐ In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. §120 have been made in the instant application:
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. , filed.
- ☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date:

JUNE 27, 2002


Jonathan M. Waldman
Registration No. 40,861

WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

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Sheet 1 of 1

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Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
MSFT-0038/36765.2

Serial No.
09/268,146

Applicant
Lomet et al.

Filing Date
March 15, 1999

Group
2771

U. S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Country | Translation | |
|------------------|--|--------------|------|---------|-------------|----|
| | | | | | YES | NO |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | 5 | Mohan, C. et al., "ARIES: A Transaction Recovery Method Supporting Fine-Granularity Locking and Partial Rollbacks Using Write-Ahead Logging," <i>ACM Trans. On Database Systems</i> , March 1992, 17(1), 94-162 |
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EXAMINER**DATE CONSIDERED**